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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/994,941	11/28/2001	Atsuro Ogawa	108273-00005	7300

4372 7590 11/17/2004

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EXAMINER

PAULA, CESAR B

ART UNIT PAPER NUMBER

2178

DATE MAILED: 11/17/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary	Application No.		Applicant(s)	
	09/994,941		OGAWA ET AL.	
	Examiner		Art Unit	
	CESAR B PAULA		2178	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 28 November 2001.
- 2a) ☐ This action is FINAL. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-12 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-12 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 28 November 2001 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) ☐ The proposed drawing correction filed on _____ is: a) ☐ approved b) ☐ disapproved by the Examiner.
If approved, corrected drawings are required in reply to this Office action.
- 12) ☐ The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. §§ 119 and 120

- 13) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
a) ☒ All b) ☐ Some * c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
* See the attached detailed Office action for a list of the certified copies not received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).
a) ☐ The translation of the foreign language provisional application has been received.
- 15) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) Paper No(s). _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449) Paper No(s) _____ | 6) <input type="checkbox"/> Other: _____ |

Art Unit: 2178

DETAILED ACTION

1. This action is responsive to the application filed on 11/28/2001.

This action is made Non-Final.

2. Claims 1-12 are pending in the case. Claims 1, and 11 are independent claims.

Priority

3. Acknowledgment is made of applicant's claim for foreign priority under 35 U.S.C. 119(a)-(d), and based on applications # 200-364779, 2001-162801, and 2001-289181 filed in Japan on 11/30/2000, 5/30, and 9/21/2001 respectively, which papers have been placed of record in the file.

Drawings

4. The drawings filed on 11/28/2001 have been approved by the examiner.

Claim Rejections - 35 USC § 112

5. The following is a quotation of the second paragraph of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

Art Unit: 2178

6. Claims 1-10 are rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.

7. Claim 1 recites the limitation "the read-out cell data" in lines 21-22. There is insufficient antecedent basis for this limitation in the claim. There is no previous mention of a "read-out cell data" in this claim. However, it appears that this "read-out cell data" refer to the cell data read from the data base means (lines 19-20).

Claim Rejections - 35 USC § 103

8. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

9. Claims 1-12 are rejected under 35 U.S.C. 103(a) as being unpatentable over Hillar et al, hereinafter Hillar (USPub. # 2002/0046245 A1, 4/18/2002, provisional filed on 9/29/2000), in view of Bernardo et al, hereinafter Bernardo (Pat. # 6,684,369 B1, 1/27/2004, filed on 6/19/1998).

Regarding independent claim 1, Hillar discloses adding, editing, deleting, and customizing—*recording*—tables, and their cells in a web page after it has been created. The table

Art Unit: 2178

is arranged in a row/column format—*spreadsheet means for generating, modifying, and deleting a table frame, and managing the table* -- (0049, 0053-0058, fig. 3A-G).

Moreover, Hillar discloses a client downloading and viewing web pages, which contain tables having information elements within cells, located or stored on a server, and to be edited by the client—*recording, and managing as tables data groups to be displayed in cells of a table frame* -- (0004, 0042, 0049, 0054-0056).

Moreover, Hillar discloses a client editing the table in the web page or hyperlink document, which contains tables having information elements within cells, in the web page which has been downloaded or served by the server via the Internet—*web server means for sending the client means a table frame and cell data of the table frame that are a hyperlink document and are to be displayed and causing the database means to generate, modify, or delete a record table or cells*—and viewed by the client (0003-0004, 0049, 0054-0056).

Moreover, Hillar discloses a client inserting a title within a table—*primary key value of a table inserted or attached to the hyperlink document file when the document file was sent to the client means* from the server—, such as the table of the downloaded web page to be edited and viewed by the client (0049, 0056-0059, fig.3F-G). Hillar fails to explicitly disclose: *sends a client means, over the Internet or an intranet, according to HTTP*. However, Bernardo teaches created a web site over the Internet using HTTP (col.5, lines 30-47). It would have been obvious to a person of ordinary skill in the art at the time of the invention to have used HTTP for communicating with a server and combine Hillar, and Bernardo, because this would enable the quick and efficient retrieval of web pages over the computer network such as the Internet.

Art Unit: 2178

Regarding claim 2, which depends on claim 1, Hillar teaches the client inserting hyperlinks within the table of the web page. The hyperlinks are stored under a "PageName" record in a database table—*link information that correlates the table frames held by the spreadsheet means with the tables held b the database means* (0049, 0055, 0075).

Regarding claim 3, which depends on claim 1, Hillar discloses a client inserting a title within a table retrieved from the server the client (0042, 0049-0050, 0056-0059, fig.3F-G). In other words, once the web page table has been edited, only the web page corresponding to the table is updated—*spreadsheet assisting means judges whether the primary key value coincides with the primary key value that has been received from the client means, and does not cause to modify the record if they do not coincide.*

Regarding claim 4, which depends on claim 1, Hillar discloses a client inserting information elements, such as a title, hyperlink, etc—*parent data only--* within a table retrieved from the server the client (0054-0059, fig.3F-G).

Regarding claim 5, which depends on claim 4, Hillar discloses the nesting of information elements within the table, such as insertion of another table within a cell of the original table within a table retrieved from the server the client —*the spreadsheet assisting means causes the database means to generate, modify, or delete a record according to a request from the client means --* (0049, 0055-0059, fig.3F-G).

Art Unit: 2178

Regarding claim 6, which depends on claim 1, Hillar discloses a client inserting information elements, such as a textual elements in different columns (0056-0059, fig.3F-G).

Regarding claim 7, which depends on claim 1, Hillar discloses a client inserting information elements, using a number of options in a certain order or sequence (0052-0056, fig.3A-G).

Regarding claim 8, which depends on claim 1, Hillar discloses a client inserting information elements, using hyperlinked options found on the screen of the authoring software—*request from the client means is processed by one hyperlinked object--* (0054-0059, fig.3F-G).

Regarding claim 9, which depends on claim 8, Hillar discloses a client inserting information elements, using a number of options in a certain order or sequence (0052-0056, fig.3A-G).

Regarding claim 10, which depends on claim 8, Hillar discloses a client inserting information elements, using a number of options in a certain order or sequence, within a table (0052-0059, fig.3A-G).

Regarding independent claim 11, Hillar discloses adding, editing, deleting, and customizing—*recording*—tables, and their cells in a web page after it has been created. The table

Art Unit: 2178

is arranged in a row/column format—*spreadsheet means for generating, modifying, and deleting a table frame, and managing the table --* (0049, 0053-0058).

Moreover, Hillar discloses a client downloading and viewing web pages, which contain tables having information elements within cells, located or stored on a server, and to be edited by the client via the Internet—*web server means for sending the client a spreadsheet file, a request for generation, modification, or deletion of a table frame over the Internet --*, (0004, 0042, 0049, 0054-0056).

Furthermore, Hillar discloses a client editing the table in the web page, which contains tables having information elements within cells, in the web page which has been downloaded or served by the server via the Internet—*web server means for sending the client means a table frame and cell data of the table frame that are a hyperlink document and are to be displayed and causing the database means to generate, modify, or delete a record, and for causing the spreadsheet means to generate, modify, or delete a table frame or cell data according to a request from the client means—and viewed, and edited by the client* (0003-0004, 0049, 0054-0056). Hillar fails to explicitly disclose: *sends a client means, over the Internet or an intranet, according to HTTP*. However, Bernardo teaches created a web site over the Internet using HTTP (col.5, lines 30-47). It would have been obvious to a person of ordinary skill in the art at the time of the invention to have used HTTP for communicating with a server and combine Hillar, and Bernardo, because this would enable the quick and efficient retrieval of web pages over the computer network such as the Internet.

Art Unit: 2178

Regarding claim 12, which depends on claim 1, Hillar discloses a client editing the table, which contain tables having information elements within cells, in the web page which has been downloaded or served by the server via the Internet and viewed, and edited by the client (0003-0004, 0049, 0054-0056). Hillar fails to explicitly disclose: —*client means that performs data communication with the web server means over the Internet according to HTTP*. However, Bernardo teaches created a web site over the Internet using HTTP (col.5, lines 30-47). It would have been obvious to a person of ordinary skill in the art at the time of the invention to have used HTTP for communicating with a server, because this would enable the quick and efficient retrieval of web pages over the computer network such as the Internet.

Conclusion

I. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. DiStefano III (Pat. # 6,771,291), Nehab et al. (Pat. # 6,029,182), Hanson et al. (Pat. # 5,956,736), and Arora et al. (Pat. # 2002/0023111).

II. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Cesar B. Paula whose telephone number is **(571) 272-2148**. The examiner can normally be reached on Monday through Friday (every other Friday off) from 8:00 a.m. to 4:00 p.m. (EST).

Art Unit: 2178

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Stephen Hong, can be reached on (571) 272-4124. However, in such a case, please allow at least one business day.

Any response to this Action should be mailed to:

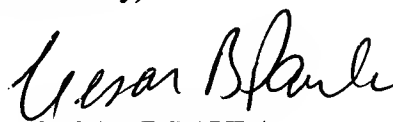
Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

Or faxed to:

- (703) 703-872-9306, (for all Formal communications intended for entry)



CESAR B PAULA
Patent Examiner
Art Unit 2178

11/15/04